

Appl. No. 10/650,588

Amdt. Dated June 9, 2005

Response to Office Action of March 9, 2005

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification by replacing the abstract with the following Replacement Abstract, which is marked to show changes relative to the original version:

~~The present invention intends to provide a method for fixation of optical fiber in an optical device module and the fixation pipe, which enables miniaturization of the optical device module, improvement of operating efficiency, and further, prevention of deterioration of the coated part of optical fiber. The method for fixation of optical fiber in the optical device module incorporating the optical element 1, comprises that the groove for copper bit 41 is formed on the fixation pipe 21, into which the optical fiber 6 is inserted, and which can fix said optical fiber by a solder in the intermediate part of inserting direction, said optical fiber is placed inside said fixation pipe in order that the strip part of said optical fiber is located in said intermediate part, at least, and the coated part of said optical is located somewhere in the opposite side of said case from said intermediate part, and said optical fiber is fixed to the fixation pipe with a solder by contacting a copper bit with said groove for copper bit. A method for fixation of optical fiber in an optical device module, and a fixation pipe, the method of fixation comprising the steps of utilizing a fixation pipe configured for insertion of the optical fiber, and adapted for affixation of the fiber by solder in an intermediate part of the pipe, the external surface of the intermediate part having a groove for a copper bit; installing~~

the pipe to the case so that the intermediate part is positioned outside the case; inserting the fiber inside the pipe so that a stripped part of the fiber is in the intermediate part, and a coated part of the fiber is positioned opposite to the case from the intermediate part; and contacting a copper bit to the groove, to affix the fiber to the pipe by solder. The fixation pipe has the features described above.